PHILMONT Mobile RADIO CLUB INc.

The BLURB

AREA MEMBER

FEB 1960

THE SYMBOL OF

Aquarius

THE WATER BEARER

The Aquarian

IF YOUR BIRTHDAY IS IN THE MONTH OF FEBRUARY... YOUR ZODIAC SIGN IS THAT OF AQUARIUS.

YOUR BIRTHSTONE IS THE AMYTHYST. THE TRADITIONAL CURE FOR TENSION, INSOMNIA AND PAIN.

THE SIGN OF AQUARIUS, REPRESENTS THE CLEANSING OF PURE WATER, THE WASHING AWAY OF THAT WHICH IS OUT MODED AND INTEMPORATE. TO AQUARIUS PEOPLE, BEWARE OF LOWERED VITALITY KEEP A NOURISHING & AMPLE DIET. & SUFFICIENT EXERSIZE. RELY ON YOUR OWN ABILITIES, RATHER THAN OTHERS.

KEEP PHILMONT VIGOROUS AND SELF RELIANT.

The BLURB is published monthly by and for the members of the Main-Mont Mobile Radio Club. Our purpose is to further the interest of amateur radio in general and mobile radio in particular. We endeavor to keep the news accurate, interesting, and educational. Copying and quoting is permitted, with a credit line, and we gladly exchange subscriptions with other clubs.

DEADLINE: The BLURB is mailed on the last Monday of each month. All material must be in the hands of the Department Editor before the 15th of the month.

EDITOR
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ARNS 48

1966 CLUB OFFICERS

President:	Fredwood S. Shaw, W3ADV
V.President:	Robert G. Thomas, W3QZO
Secretary:	Robert E. Mynster, K3UWO
Treasurer:	Charles E. Greenwood, W3GOW
Directors:	Al F. Bubeck, K3GNM (E66)
	Al E. Jorett, W3OWK (E67)
	Geo. B. Weed, W3MHR (E68)
	Joe E. Elmaleh, K3HIJ (A)
	Wm. F. Bubeck, W3YHV (A)

NET AND NET FREQUENCIES

Channel 1-29.493 mc
Channel 2-29.626 mc
Channel 3-147.78 mc
Channel 4-50.70 mc
Channel 5-52.525 mc (FM)
Channel 6-3993 kc (SSB)

NETS	TIME
Ten-On-Ten	Sundays 1000-1100
Orange Juice	Weekdays 0700-0730
Scrambled Egg	Weekdays 0730-0830
Executive	Weekdays 0830-0900

Channel 1 (29.493 mc) is monitored daily from 0900-2400 for the benefit of mobiles in the Philadelphia and suburban area.

DEPARTMENT EDITORS

Technical	K3GNM
Swap and Shop	K3QQH
Features	W3MHR
Art	WA3CNI
Technical Drawing	WA2RDC

CIRCULATION AND PRINTING

Publisher	W3LEM
Printer	W3YHV
Boss Stitcher	W3VVS
Collator	W3QQH

THE PREZ SEZ by Fredwood Shaw W3ADV

I was very pleased to see such a good turnout for the first Phil-Mont meeting of the new year. The place was full and everyone seemed full of interest in what was to go on during 1966. Your new officers are in and functioning, as are the various committees. The full list of committee members is published elsewhere in the BLURB - but let it be understood that if anyone else wants on any committee, it will only take a word to me or the particular chairman to bring this about. Let's give Phil-Mont a good ride this year by having as many active members as possible.

Many things are planned already for this year, such as --

A transistor series from the Bell Labs. running for six meetings and provided by our most active Reading, Pa. member - Jerry Baldauf K3JKH.

For February - A talk on the recent northeast blackout by W3JPP, Fred Travis.

For March - a contest of Phil-Mont members to see who the code champs are - three categories.

For April - an explanation of the new dial mobile system of the Bell Telephone Company by W3RCE, Ed Faye.

For May - Phil-Mont plays host to Delaware Valley Clubs at The Franklin Institute. Principal speaker W3DD, Tom Benham of Haverford College.

For June - Business Meeting - principal topic, method of balloting in December.

So you see, that along with the normal things like Field Day in the capable hands of Bill Bubeck W3YHV and committee, code practice by Joe Elmaleh K3HIJ and committee, the Technical Committee with Bob Thomas W3QZO, the BLURB with Lloyd Sherman W3CDY and two assistant editors, no less - things are going to hum. W3OWK Al Jorett is going to get us some new members, so that W3GIF Al Hamilton can have some helpers, etc., etc. Hi!

All in all - a good start. If anyone wants to contribute some new ideas, don't hesitate. One of the things I want to make a great success is the "Phil-Mont Host to Delaware Valley Radio Clubs" for our May meeting. Will everyone please help make the necessary contacts and get information in to Hal Grace W3HFY, who is Chairman for our Inter-club Committee. Jack Mahoney W3DJW will be in there plugging, because this will be our biggest Social Event of the year, excepting our Annual Banquet.

Best 73's Fred W3ADV

*****

FEBRUARY CALENDAR

February 7th	Regular Meeting	THE FRANKLIN INSTITUTE 8 PM
February 16th	Mid-Month Meeting	8 PM George Weed W3MHR
February 28th	"BLURB" Folding	8 PM Qth W3LEM

NEW OFFICERS - 1966 - by Lloyd W. Sherman W3CDY

There are times when someone calls an error to your attention, politely, but, you feel he is wrong and you stand your ground.

Our honorable V.P., Bob W3QZO, politely mentioned the omission of the new officers in the January "BLURB". I insisted they were there. I was even going to show him where! Well, my face was RED! The new page 1, inside of the front cover never made it through, and the old one was modified and used in its place. It did not have the latest, and so the omission. The new officers took over as elected, and a new year is on its way. A most humble apology for such a serious omission and a belated report.

The new President-elect is W3ADV, Fredwood Shaw of Newtown Square. Fred is trustee of W3TKQ and an active ham for many years.

The Vice President W3QZO, Robert Thomas of Philadelphia, as he so aptly put it, assumed the duties of the loser. You see, our V.P. is 1st runner-up to the President - really not a loser though. You see Bob is a past President and "BLURB" Editor, and an able critic.

K3UWO Robert Mynster of Lansdale, is the new Secretary. This is the first office for Bob, but he has been in evidence during the past years with his contributions. Our trailer was first spotted and called to the club's attention by Bob.

The Treasurer is none other than the incumbent W3GOW Charles Greenwood of Devon. Charlie always does an excellent job as in the past as President, Vice President, Director, Treasurer, and now to repeat again -- indeed a PHIL-MONTER!

The new Director is W3MHR, George Weed. George is a former Treasurer, has contributed to the "BLURB" and other Phil-Mont activities. George is Chairman of the "Budget Committee" and just concluded the 1966 Budget that has been adopted at the January 3rd meeting and will appear in this issue.

May we all give the new officers support, with the same sincerity and enthusiasm we expect of them in the fulfillment of their offices.

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The following were visitors at our January meeting. It was nice to have you, and do come again and join in the fun.

K3OKH	Jim Beane	Upper Darby
K3RSX	Frank Szenher	Southwest Phila.
K3WVB	John Doran	Southwest Phila.
WN3EPC	Len Cutler	Northeast Phila.
W3BV	Paul Peterson	Drexel Hill
W3UQQ	Sutton Hamilton	Punxsutawney

CHANNEL CHATTER

Murray Bevitz K3SPS has a new job with Dyna-Sciences Corporation in Blue Bell. He's also driving a new 1966 Chevy II Super Sport and sees an SB34 in his crystal Ball. Congrats, Murray and may you be mobile soon! ..... Karl W3BS is living it up with a 2-20 Mini Beam. FB Karl, hope it serves you well. .... Ed W3EQV and his family plan a new QTH soon. Hope the new place has many advantages and place for good antennas. Here's for a LOUD signal, Ed! QST has accepted an article by Kermit W3AJO for a future issue. That's real nice going! (How about a tech-ni-gram, hi, hi! Ed..)

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CHANNEL CHATTER - 75

Phil-Mont activity on the 75 meter band has been very satisfactory during the past month. A check thru the log for the period from December 13 - January 13, shows 107 PHIL-MONT MOBILE contacts during a period from approximately 7:30 AM to 8:45 AM, 5 days per week average. Participants have been W3ADF, W3BGR, W3CDY, W3EQV, K3GNM, W3GOW, W3GSU, W3HFD, W3HFY, W3HQJ, W3JGB, W3LNQ, W3NIP, K3SZV, K3UWO, W3YHV, ex-Phil-Monter K2EGF (formerly W3KHR), proxy Phil-Monter K3RYV, and a whole flock of others scattered from Maine to the Carolinas and westward to W8 and 9'land; this at the above times specified. Innumerable other contacts are made during the evening hours, but not being on at such times, I can give no firsthand information.

Our old friend, Cheery Uncle Bill, W3KV, now W4CX, at Pompano Beach, Florida has been worked by some of the gang, evenings on 75, and has been contacted by your scribe on 14,340 kcs USB, where he holds daily schedules with Boyd W3ZO, etc. at 1230 EST. (1730Z).

Communications of 75 are not subject to the dead spots so frequently encountered on Channel 1. For instance, the "Sure Kill Expressway" north of City Line (a ten meter impossibility from this location) is duck soup for 75. Charlie W3GOW, W3YHV, W3GSU, etc. are worked consistently from "portal to portal", and W3HFD/m is solid copy from Bucks County right in to the city.

Some of the above gang have previously been worked on Channel 1, both AM and SSB; f'rinstance Hal W3HFY right into Wilmington, Del., but spotty or dropping out entirely in the hollows of US-1, whereas, while the lower freqs may fall off in signal strength they do not drop out entirely as on 10.

As a valuable auxiliary to Channel 1, particularly for extended coverage and signal consistency, Channel 6 SSB is worthy of your consideration.

73, Walt W3CHZ

*****

READING BANQUET

Will be held April 23, 1966 at the Elks, South 5th Street, Reading, Pa. - details later

PHIL-MONT CODE CHAMP CONTEST - March 7, 1966 - Jim Bock K3PHC
Director Program Comm.

So you think that you can send pretty good code? We all do! Some of us send our best with the old fashioned straight key; some send better with the bug, and some send their best with the automatic keyer.

Phil-Mont is about to find out who the champ is in each class. The contest will work like this:-

1. Bring your own key if you want to.

2. Send for two minutes, at any speed. Everyone will be listening on the loud speaker system.

3. The listening members will be the judges - judging the readability, the cleanness of characters, etc.

4. Senders will be hidden from view of listeners so that judging will be impartial.

Call your entries to anyone on the Program Committee.

Come out and join the fun on March 7th.

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OSCAR IV SALVAGED

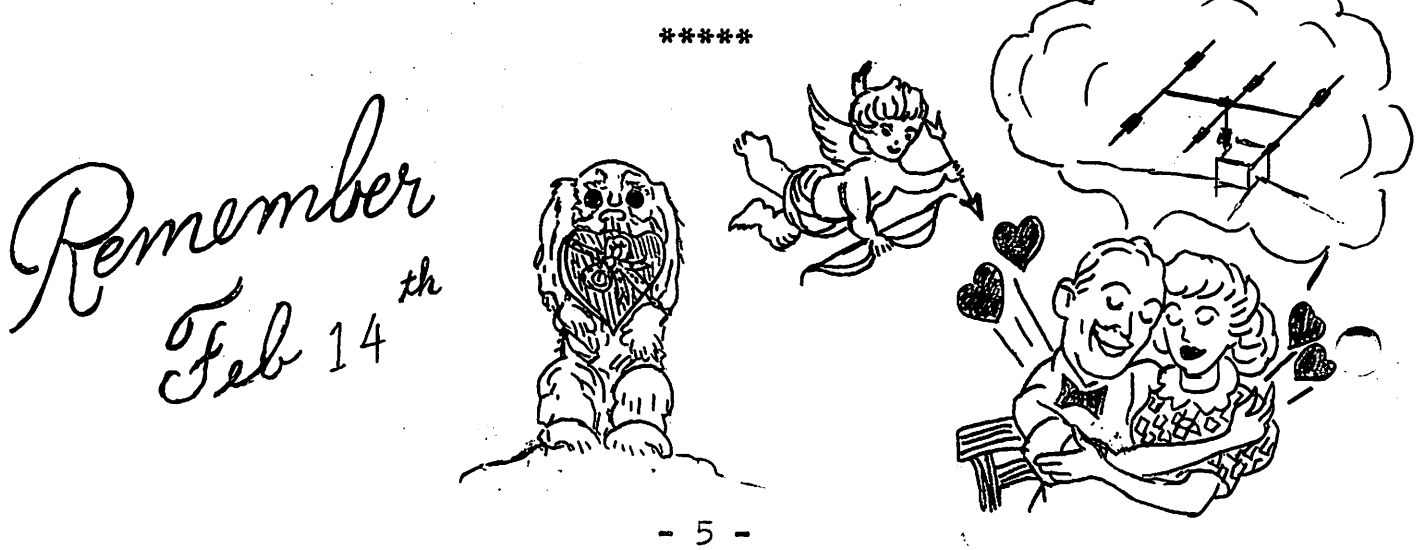
UPI reported from Cape Kennedy that the amateur radio satellite called Oscar IV was slavaged.

The Institute for Satellite and Space Research in Bochim, Germany, communicated with DL9AR in Burgdorf, near Hanover, Germany.

Project Oscar officials in Orlando, Florida reported having communicated with Oscar IV, a 42 pound vehicle. The orbit they report as being of cigar shape rather than the high circular path proposed. Even under the conditions of this inadvertent path, Oscar IV will be useful to amateurs around the world.

The HI signals are transmitted on 431.962 mc. It will accept signals on 144.1 mc and repeat them back to earth on 431.972 mc.

*****



REQUIEM FOR THE BY-LAWS COMMITTEE - by George Weed W3MHR

As one who has gone through the mill of election controversy at the ground roots level, I would like one final crack at this bone of contention.

Chairing last year's committee on By-Laws and Election Procedure was a true experience. It was enlightening, but, as anyone can plainly see, not rewarding. At the outset, there were as many ideas on the conduct of elections as there were members of the committee; and many of the views expressed were in direct opposition to each other. The committee was picked, I'm sure, with this idea in mind.

After many hours of haggling, during the 4 months of committee meetings, the net result was presented to the membership last June. (By the way, notice of that presentation was given in the June BLURB.) The very content and wording of the end results of our efforts should indicate to all that a great deal of thought and effort, plus much compromise, went into the pot. Obviously, the stew was more palatable to some than others.

I would now like to list a few conclusions which, I think, represent the feelings of most members of the Committee. When the next team comes to bat, perhaps these conclusions will prove helpful in avoiding some of the curve balls - and screw balls:

1 - No matter how earthshaking your ideas may seem, there will always be someone who has a better one.

2 - If you please 51% of the membership with your revisions, quit while you're ahead.

3 - If, as a result of your efforts, your buddy comes out second best in an election; just smile, pat him on the head, and suggest he revamp the By-Laws next year.

4 - Remember - noses get bent out of shape by means other than getting the fickle-finger at election time. So, don't over-emphasize your role as a cure-all.

5 - Also remember - a good club can survive almost any dunderhead at the helm. Let's keep the whole problem in perspective.

R. I. P.

George

OBSERVATIONS OF THE MEETING by Sam Moskowitz W3RTR

The initial meeting of our new President, W3ADV Fredwood Shaw can be compared to the alfabethal bureaus of the U. S. Government. There were enough letters of the alfabeth on the blackboard to make a good pot of alfabeth soup.

Last year at a similar meeting, our past-President K3HIJ Joe Elmaleh ran out of members for his various committees. This year Fred ran out of blackboard space. Did you notice he had to use an auxiliuary blackboard to complete the alfabethical parade?

We sincerely hope that the selection of COOKS will brew up a good "Pot of Soup".

W3YHV Bill Bubecks's presentation of color slides and movies of his recent vacation trip thru the "Bad Lands" of the Dakotas was well received. His commentary was lively and interesting.

There were many comments from the audience when Bill showed scenes of the "Donkeys" with Bill riding one of them up the mountain passes. There is another name for Donkeys which Bill could not quite get across to the audience.

~~Third~~ Foist Asst. Editor K3RTR Sam

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"COMMITTEES AT WORK" or "THE SILENCE WAS DEAFENING" by "THE UPSTART FROM BROOKLYN"

Somewhere in this issue of the BLURB I am sure Lloyd W3CDY our Editor has listed the various committees that our new President Fred Shaw W3ADV has appointed. If you look closely you will find buried somewhere:-
FOIST ASS'T EDITOR - This "Johnnie Come Lately" upstart from Brooklyn K3RTR (Sam).

We don't know how we got mixed up in all this, as we were always running away from work. However, when Fred asked for Volenteers for this job; "The silence was so deafening" and the SWISCH of all the hands NOT being raised caught us unawares and someone behind us pushed our arm and Fred miss-read our signal, so here we are. Let's correct one misunderstand. We are NOT the Foist Ass't Editor, we are THOID ASS'T TO the Editor. (Can't even count. Where did you get this "we" stuff? Ed.)

Here are some of the requirements we feel are necessary for the Editor of a club paper such as the BLURB.

1. He should know who the members are (WE DO NOT; we know only a few; we would like to know more). (At least they will learn to know you, Sam. Ed.)

2. He should know how to write (we do not). (!!!! Ed.)

3. He should have a good vocabulary (we do NOT). (Right! Ed.)

"Committees at Work"- continued

4. He should know how to speel (we can't even speel the word).

5. He should have a good sense of humor (that we do have) (That's his opinion. Ed.)

In fact, in view of the above DEFICIENCIES we are going to be a LOUSY ASS'T TO THE EDITOR. We know there are many people in Phil-Mont who can do a better job. (Better a lousy one than no one at all. Ed.) (Look who's criticizing who. Ed.)

For the BLURB to be a continuing success, the Editor must have MATERIAL to work with. If the members of Phil-Mont REALLY and TRULY want a good BLURB they MUST help by being CONTRIBUTORS. We know this will fall on Deaf Ears, but we will give it another TRY. So PLEASE SEND NEWSY ITEMS TO LLOYD. Most people like to see their name and call letters in print. This will let the rest of the membership know they are still among the living.

This is our Foist Literary Effort, and if the Editor prints it in the BLURB it could be the means of getting us off this job - we hope. (Forget it! Ed.)

We know a fellow who says:- "We don't care what you say about us, just so you say something." We are that kind of a guy.

73

SAM K3RTR ASS'T TO THE EDITOR

*****

W3TKQ SCHEDULE by Sam Moskowitz K3RTR

Phil-Mont's club station W3TKQ at The Franklin Institute is ON THE AIR from 10 AM to 5 PM every day Tues. thru Sat. and 12 N to 5 PM on Sundays. (Closed Mondays)

The four operators W3DYP Nelson; W3YG Paul; W3TJQ Howard, and K3RTR Sam are at your service for the passing of traffic, making emergency phone calls for you in case of mobile breakdown, etc.

The Freq. 29.493 mc is always monitored by these four operators. Why not take advantage of this valuable service.

The operators have regular assigned duties hourly, at half past the hour. Their duties may require 15 to sometimes 30 mins.

Brad is usually on the Freq. and will relay any traffic to W3TKQ.

*****

You may recall the mention in the January BLURB of W3KV Bill Gerson and the best time to look for him on the air. There's been a change. It is ex-W3KV, now W4CX.

BUDGET - 1966

The following 1966 Budget was presented and adopted at the January 3rd 1966 meeting.

INCOME

Dues	$ 720
Prize Drawing	150
Refreshments	100
Auctions	50
Sale of Club Equipment	275
Miscellaneous	100
Transfer from 1965 Balance	440
	$1835

EXPENSES

Donations	$ 24
Prize Drawings	120
Refreshments	100
Stationery	25
Flowers	40
Special Events	125
Insurance	80
Blurb Expense	300
W3TKQ	100
Communications Truck & Trailer Maintenance	170
Communications Truck & Trailer Improvement	100
Capital Improvement (new Generator)	400
Miscellaneous	100
Banquet	150
	$1835

W3TKQ

Nelson W3DYP, was working W3TKQ at The Franklin Institute on December 30, 1965, and made contact with K7UGA Barry Goldwater. When Nelson gave him his name he said, "'Nelson' like Nelson Rockefeller." Nelson asked him later, did he get his name, and he returned with, "'Nelson' as in Nelson Rockefeller - how can I forget it!" Hi!

Nelson constantly uses this approach to clarify his handle, but it's sort of ironic when talking to Barry!

It will be a pleasure to work you, Barry, and to have you pay us a visit when in Philadelphia. (Ed.)

*****

1976

The year 1966 plus 10 more make 1976. The 200th year of the Declaration of Independence. Someone, somewhere, is going to have a celebration. Will it be here in Philadelphia. Will we have the National ARRL Convention here in 1976? Three years have passed since it was first mentioned. In three more years it may be too late! (Ed.)

*****

BROADCASTS OF SPACE FLIGHTS, RADIO & TV

"Spurious Radiations" Edited by Alfred G. Smith WA2TAQ/ WB2FNW, publication of the Rockaway Amateur Radio Club carried a fine article on Space Flight Broadcasts.

This article was written by James J. O'Conner W2KGO/NØABE, New York Engineering Supervisor of Mutual Broadcasting System. He explains how the networks collaborated to use a single system for the purpose of making all pickups and carrying out all necessary communications. This was necessary due to the limited space and facilities at sea and remote stations.

One interesting point was the use of double sideband with a small amount of carrier insertion to lock on to. Audio is carried on one sideband and the other sideband carries the video on slow scan. He mentioned the frequencies used as being in the 4, 7, 9, 10 and 13 mc ranges.

He covers the whole operation in sufficient detail to give one a good idea of the effort expended for the purpose. If you are interested ask Wayne C. Ziegler WN2GBJ for the loan of the copy

Gerry Baldauf W3JKH reports the frequencies used for space flights as 5,259; 7,579; 10,613; 15,016 and 15,968 kcs.

COMMITTEES

Awards:	Ch. W3VVS; W3KDO, W3CDY, W3NIP, W3AWH
Membership:	Ch. W3OWK; W3KDO, W3AJO, W3WXC
Welcome Visitors:	Ch. W3VVS; K3OEJ
BLURB:	Ed. W3CDY; W3QQH, W3LEM, W3YHV & BLURB folders
	1st Ass't Ed. K3RTR
	2nd Ass't Ed. W3AWH
	Contributors: W3PXV, W3JYA, W3MHR
	Channel Chatters: W3QV, K3RTR, W3CHZ
	Swap & Shop: W3QQH
Refreshments:	Ch. W3GIF
Programs:	Ch. W3PHC; W3AWH, W3CDY, W3JKH
Directory:	Ch. W3DYP; W3YG, K3RTR, W3TJQ
Comm. Truck:	Ch. W3QQH; W3JKH, W3MHR, K3HIE, W3GIF, W3IWO
Audit:	Ch. K3OEJ; W3D$G, W3NIP
Budget:	Ch. W3MHR; W3YHV, W3GOW, W3QQH, W3WPD, W3DJW, W3CDY, K3CEE
Nets:	Ch. W3LNQ(4); W3YHV (2), W3CHZ, W3AJO, K3AWC, W3DJW (3), W3QQH (5)
	( ) Number in brackets designates Sunday of the month for NCS
Social Banquet:	Ch. W3DJW; W3WPD, W3AES, W3OWK, W3AJO, K3AWC, K3OEJ, W3QZO, W3WXC
Prizes:	Ch. W3QZO; W3JGB, W3KDO, W3IWO
W3TKQ:	Ch. W3ADV; W3QCV, W3AWH, W3CDY, W3NIP, W3PBR, W3DYP, K3RTR, W3OWK, W3AJO
Inter-club (Publicity)	Ch. W3HFY; W3WNC, WA2RDC, W3AES, K3RKH W3NIP (will write publicity)
Tech. Services:	Ch. W3QZO; W3QQH, W3HFY, W3WNC, W3QV, W3OWK, W3PXW, W3PXV, K3OJA, W3JGB, K3OEC, W3WUX, K3GNM, W3AJO, WA2RDC, W3JYA
Field Day:	Ch. W3YHV; W3MHR, K3KFL, K3OEJ, W3CDY, W3QQH, K3WOC, W3IWD, K3CEE
Code Practice:	Ch. K3HIJ; W3AWH, W3CDY

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DINNER AT THE RED COACH GRILL by Jack Mahoney, Ch. Social/Banquet Comm.

The group arrived before 4 p.m. on Sunday afternoon, January 16th. Who led the procession? Yep, you guessed it, W3AES, Jon. Although the order of arrival is not the order of listing, there was a good attendance. WA3CFV, Russ K3NYN and XYL Winnie K3RAB, Roger K3TYB and XYL Buzz from Wynnewood were there. W3EQV and XYL Dee K3YLT, Sam K3RTR and XYL Ann from the Upper Darby area. Doc, W3HQJ his XYL Grace; Frank W3LNQ from Bryn Mawr joined the fine gathering. From the big city came Jeeper W3JPP and XYL Anne, Al W3OWK and XYL Dot W3ZLE. Delaware County was well represented by Art K3OEJ and XYL Lee K3PLL, Karl W3BS and XYL Betty and our new President, Fred W3ADV and his XYL Emma. The list goes on to include Murray K3SPS, Mr. John Mahoney, Sr. and XYL Helen K3CRW plus your Chairman and XYL Peggy. Several Friends who joined in the gathering were Mr. & Mrs. John Meyer, Mrs. Dorothy Owens and Mrs. Morgan.

A total of 32 people attended. Quite a fine response for such a short notice. The direct mailing may have been an asset in publicizing the event as well as talking it up on Channel 1. The meals were considered excellent and the response was, "Let's do it again - soon!" So -- look and listen for a date in February.

AWARDS

When it comes time to pick someone for awards, we try to look back and remember who did what that is worth an award. Our minds draw a blank - with few exceptions!

As I speak, write and rub elbows with my fellow amateurs it becomes all too apparent that we, too easily, forget the good they do.

Take note, as you speak, read and rub elbows with the fellows, to what is being done for Phil-Mont and Amateur Radio. There you will find someone worthy of nomination for awards.

*****

MEMBERSHIP APPLICATION

Francis F. Szenher K3RSX
5642 Baltimore Avenue
Philadelphia, Pa. 19143

has made application for membership. Frank is a student at Temple. He is mobile on 10 meters, and SSB on 10 thru 80. His sponsors are Sam Moskowitz K3RTR and Rolland Madara W3PWG

*****

QUOTES from The R & R publication by The Research & Review Service of America, Inc. - December, 1965

"People who yearn for the good old days take it for granted they still would have indoor plumbing, electricity and television." (And that we would have efficient rectifiers, crystal control, stable oscillators and selective receivers. Ed.)

"A learned man always carries his wealth with him." (I trust that is why some of the Phil-Mont members look so wealthy, hi. One sure thing, it can't be taxed, no one can take it from him, he can always share it and have no less, and unless he shares it, all will be lost the day he becomes a "silent key". Ed.)

*****

DON'T FORGET!

The March meeting is time for our regular FREE BEE Auction. Bring your item you wish to donate, and look for a goodie for yourself.

*****

THE MARCH ISSUE

The next issue of the SLURB will be dedicated to a Phil-Mont member, and the Tech-Ni-Gram is written by one of our newest and youngest members - K3WQQ.

SWAP AND SHOP

WANTED A reasonably priced 3 element 10 Meter Beam. Any old discarded radio or television set or chassis, condition not important. They are for my four year old son who loves to work on radio, but I do not have enough cast-off electronic gear to keep him busy.

Gerard A. Baldauf W3JKH
175 Wernersville Blvd.
Wernersville, Pa. 19565
Tele: (215) 678-3980; 929-5811
Ext. 2113, 2116, 2305

SALE KLX Stereo FM Tuner, small transistorized unit in new condition..... $80.00

W. Laurence LePage W3QCV
27 Love Lane
Ardmore, Penna. Tele: MI 2-1821

SWAP OR TRADE
Heath TWO'er and Telrex 5 element, 2 Meter Beam. Want 60 or 70 watt CW Transmitter such as DX60, Globe Chief, etc.

Write Marv Fauer W2SGA
284 St. Cloud Avenue
West Orange, N. J.

SALE B & W 5100 and 51 SSB - Both Units $225.00
Collins 75A4 $350.00
All equipment in excellent condition.

Frank M. R. Fenimore
Spring Valley, Bucks County
P. O. Box 364, Doylestown, Pa.
Tele: PY 4-7844 or MA 7-0760 or 5241

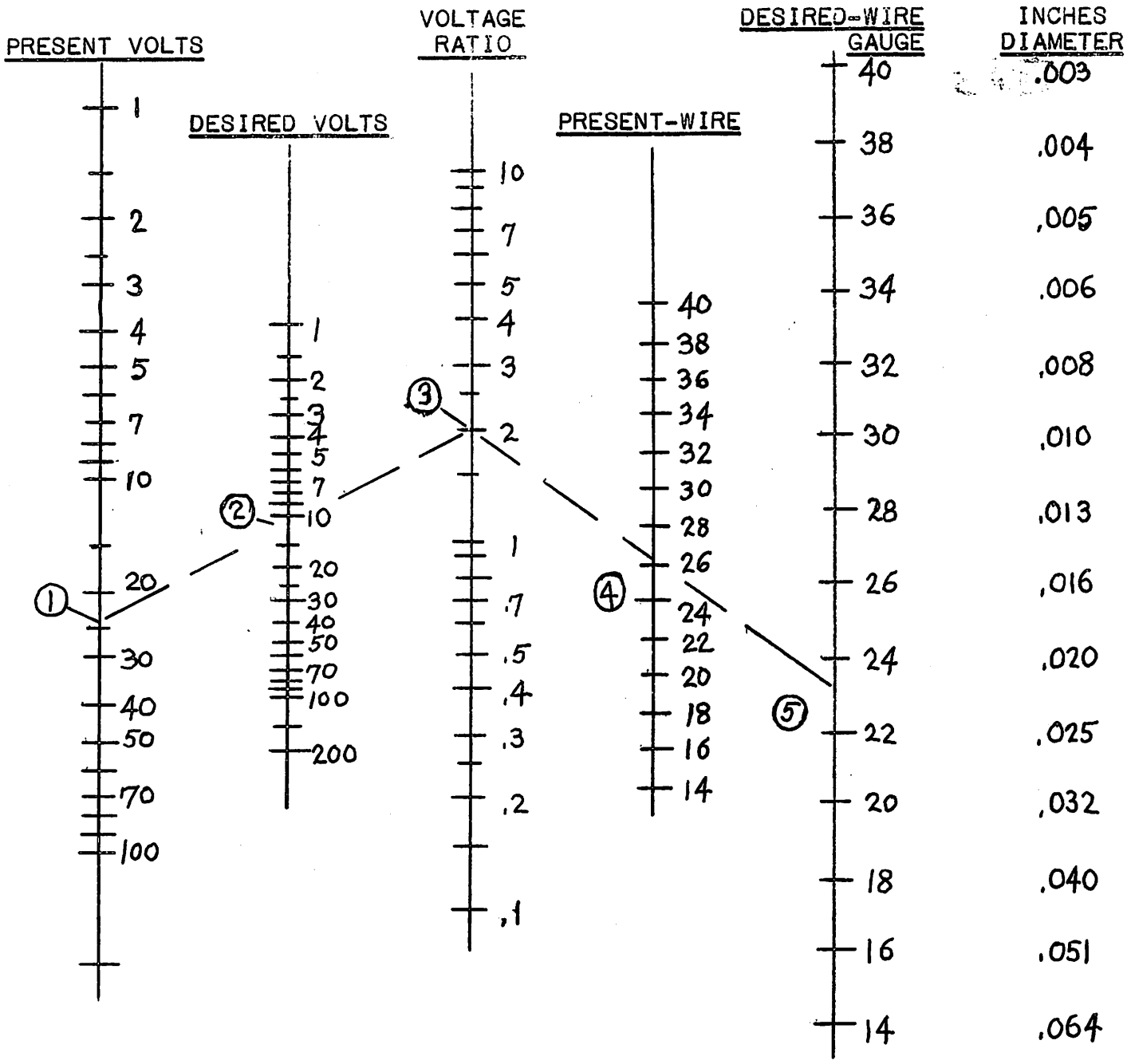
SALE Gonset "Super 12" Converter 80-10m ham band Mobile Converter, Dash Bracket $45.00 firm

Viking Adventurer/WRL Screen Modulator and Mike $45.00 or ?

Ken Fertner W3IVO
1001 Mollbore Terrace
Philadelphia, Pa. 19148
Tele: DE 6-3287

TECH-NI-GRAM by Gerard A. Baldauf W3JKH (originally in QST)

VOLTAGE CHANGE NOMOGRAPH for ELECTROMAGNETIC COILS



Those who like to rewind d.c. relays, solenoids, transformers, motors, or generators to operate on a new voltage and current will find the nomograph in Fig. 3 a time saver.

continued --

The first three columns are for dividing the present operating voltage by the desired voltage. The right-hand three columns are for multiplying the cross-sectional area of the present wire by the voltage ratio to give cross-sectional area of the desired wire. By choice, the scales on the wire columns are given in AWG gauge and inches diameter rather than in cross-sectional area.

Example: On hand --
24-volt relay wound with No. 26 wire
Problem --
To find wire size to rewind relay for 12 volts.
Procedure --
1) Under present volts, mark 24 volts.
2) Under desired volts, mark 12 volts.
3) Draw line through 24 and 12 volts to ratio column.
4) Under present wire, mark No. 26 wire.
5) Draw line through ratio and No. 26 wire to desired wire column. Read No. 23 AWG gauge, or .023-inch diameter wire.

With this change in wire and voltage we get: one half the voltage, twice the current, one fourth the resistance, two times the cross-section area of wire and one half the turns (assuming same winding space filled).

*****

NOTES FROM FCC FIELD ENGINEERING REPORTS
Issued November 8, 1965 by the F.C.C.
Reported in AUTOCALL, December 1965

"SMOKING OUT INTERFERENCE

The FCC Philadelphia field office closed down a 'professional' style radio broadcast operation in upper Pennsylvania without benefit of a license. Using the call letters 'WLVR' it was located in a community where hills prevented good reception from outside stations. Modern equipment was employed, even to an antenna painted red, white and blue with a lighted beacon on top. Performance was sophisticated to the point of selling time. Operation was on week-end only over a period of about two years. Apparently the townspeople enjoyed the station too much to complain about it. But eventually radio services on the outside balked at its continued interference."

*****

"CHILI BURNS UP AIRWAVES

The FCC Douglas, Ariz., monitoring station found a similar source of interference in a local cannery using a gas furnace to burn off the outer skin of chili peppers. Radiation of spark-gap igniters used in the furnace invaded radio frequencies of a nearby airport. The cannery company promptly installed corrective equipment."

DIRECTORY - 1966

We are endeavoring to make our "Directory of Members" current in order to have a new one printed for 1966. Will you please fill out the form below and mail it to:

Nelson Schurr W3DVP
1837 Plymouth Street
Philadelphia, Pennsylvania 19126

or call W3TKQ - Tele: 448-1459 and give one of the committee members the information.

This information will serve a dual function: to verify the accuracy of our present information, or to make any necessary address or telephone changes.

CALL _____ Name: _____

Address: _____

_____
Zip Code

Telephone: Home: _____

Business: _____

Your "Handle": _____ Wife's name: _____

"THE SECRET WEAPON"

This is a continuing story of "The Secret Weapon", or "The Cake Recipe Given at the Phil-Mont Banquet".

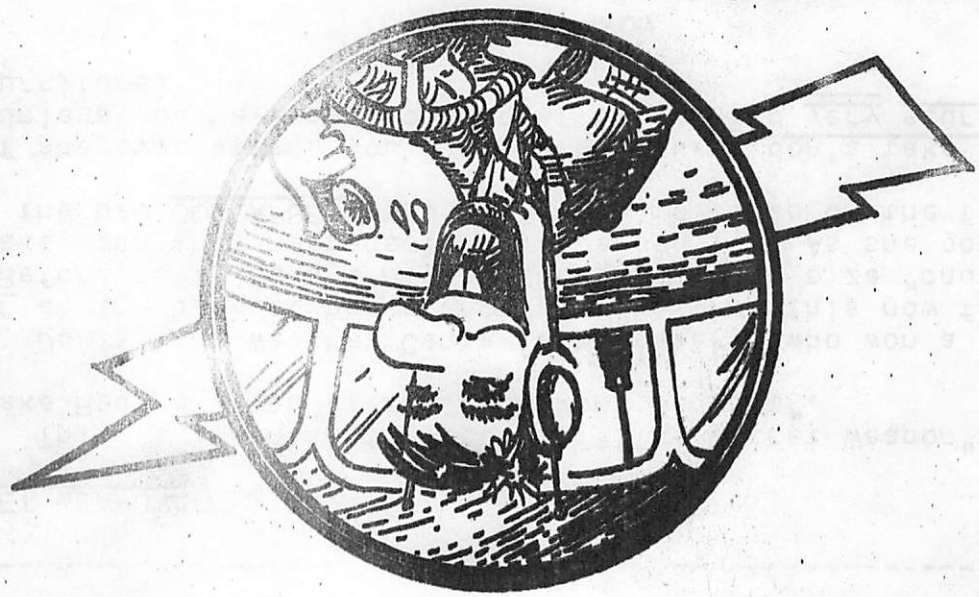
Doris, the Weather Center's secretary, who won a cake mixer at the Banquet baked another cake from this now famous recipe. Before retiring one night, she ate a good size "chunk" of said cake, and what happened? You guessed it! As she got into bed, the bed COLLAPSED, and Doris had to sleep on the floor.

Moral: If she ever offers you a piece of cake - don't take it! (unless you have a strong constitution and very sturdy furniture)

ANON

THE COMPLETE PHIL-MONT CALENDAR FOR 1966 WILL BE PUBLISHED NEXT MONTH.

PHIL-MONT MOBILE RADIO CLUB INC.



The "Blurb"

A PHIL-MONT MOBILE RADIO CLUB PUBLICATION

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THIRD CLASS